

# Work Order ID 61981

September 14, 2010 9:47:55 AM

*ship factory*



Page 1

Item ID: D412-702-031

Accept



Setup Start



Revision ID:

Stop



Item Name: Jump Seat Shoulder Harness, 4 point, UH-1

Start Date: 9/14/10 Start Qty: 1.00



Cust Item ID:

Required Date: 9/14/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID Tool # Plan Accept Reject Reject Insp.  
Code Qty Qty Number Stamp

Draw Nbr

Revision Nbr

DSI9322

Rev C

100

0.00



DC

Document Control



DOCUMENT CONTROL

Memo

0.00

Photocopy DSI9322 & type labels per PPP D412-702-031 CHG001

*Siolosky*

*for BG 10-9-14*

110

Pick Kit

0.00



Packaging

Packaging

Memo

0.00

*10/9/14 sl*

120

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

*Siolosky*

*@*

**Work Order ID 61981**

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Customer:

Reference:

Approvals: Process Plan: Date:

Tooling: Date:

Run Start



QC: Date:

SPC (Y/N): Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-702-031								
	Location:								
	PPP Rev: <u>DRAFT</u>								
140		0.00							
	QC21- Final Inspection - Work Order Release								
QC	Memo	0.00							
Quality Control									

Pd 10/9/14 @

10/09/14 AJ

H 10-9-14  
①

# Picklist Print

September 14, 2010 9:47:51 AM

Page 1

Work Order ID: 61981

Parent Item: D412-702-031

Parent Item Name: Jump Seat Shoulder Harness, 4 point, UH-1

Start Date: 9/14/10

Required Date: 9/14/10

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 06-03-10 JLM  
IPP Rev:B Added DSI9322 06-03-21 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN960JD10	NAS1149D0363J	Purchased	No			120	Each	16.0000	8	8			
-----------	---------------	-----------	----	--	--	-----	------	---------	---	---	--	--	--



Washer

Location

Loc Qty

Loc Code

ST		6	
	107715	6	
ST335		10	
	105792	10	

D3031-1		Manufactured	No			120	Each	13.0000	4	4			
---------	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--



Loop

Location

Loc Qty

Loc Code

ST034		13	
	43395	13	

D3496-041		Manufactured	No			120	Each	7.0000	2	2			
-----------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--



Harness Assembly

Location

Loc Qty

Loc Code

ST273		7	
	40428	7	

1115622 10/9/14 sf

10/9/14 sf

10/9/14 sf

2

# Picklist Print

September 14, 2010 9:47:51 AM

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Parent Item: D412-702-031

Parent Item Name: Jump Seat Shoulder Harness, 4 point, UH-1

Start Date: 9/14/10

Required Date: 9/14/10

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

120

Each

2,077.000

8

8



Nut

10/9/14 SP

Location

Loc Qty

Loc Code

ST300

2077

104625

10

114523

109

114784

1958

MS24693-S280

Purchased

No

120

Each

36.0000

8

8



Screw

10/9/14 SP

Location

Loc Qty

Loc Code

ST288

36

105125

36

8

**DART****REFERENCE ONLY**

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. DSI 9322	REV. A SHEET 1 OF 1
DATE 06.03.15		TITLE JUMP SEAT HARNESS INSTALLATIONS	SCALE NTS
A	06.03.15	NEW ISSUE	

## **DART SERVICE INSTRUCTION**

**REFERENCE: IIN-D412-702 REV. C**

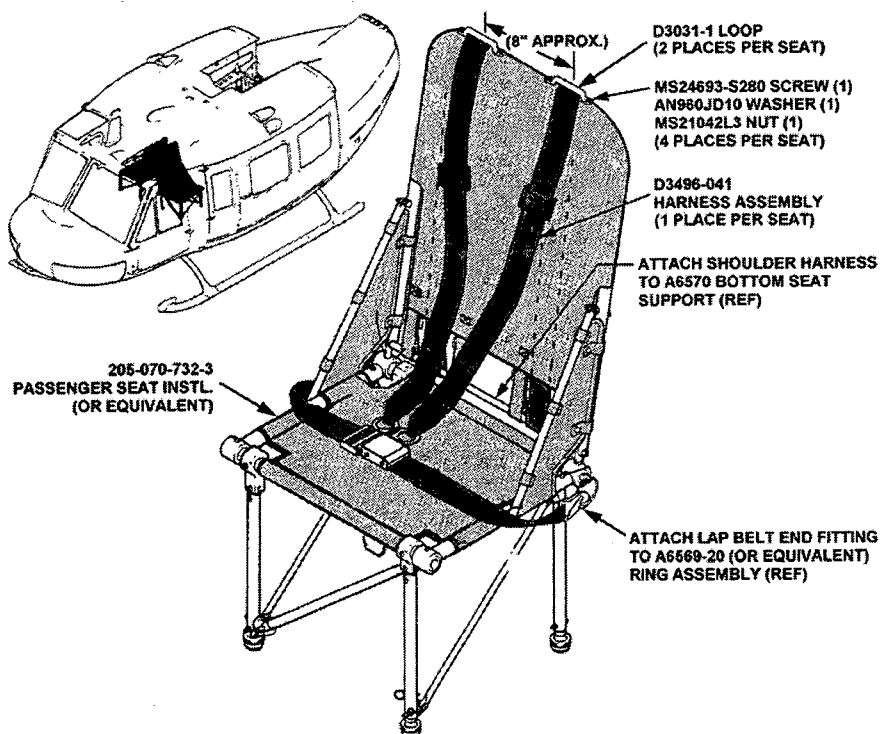
The following kit is available to provide 4-point shoulder harnesses for passengers on UH-1 aircraft:

The Dart **D412-702-031 Jump Seat Shoulder Harness Kit** provides 4-point harnesses for the 205-070-732-3 (or equivalent) passenger seat installations for the UH-1 aircraft. The harnesses for this kit are approved under JTSC-C114. Install the D412-702-031 kit as follows:

- 1) Locate the D3031-1 Loops on the seat as shown below and transfer drill qty(4) holes through the canvas and completely through the top bar. Open holes to  $\varnothing 0.203$ .
- 2) Install the D3031-1 Loops using the MS24693-S280 screws and associated hardware. To secure the nuts, a ratchet with an extension may be needed to reach the underside of the seat bar.
- 3) Attach the D3496-041 Harness Assemblies as shown below. The shoulder harness should loop through the D3031-1 loops down the back to the bottom seat support (ref p/n A6570 Bottom Seat Support, or equivalent) as shown. Temporarily remove the bottom seat support to attach the ends of the shoulder harness.

The parts list for the kits is as follows:

QTY	Part Number	Description
X	D412-702-031	Dart Jump Seat Shoulder Harness Kit, 4-point, for UH-1 aircraft
4	D3031-1	Loop
2	D3496-041	Harness Assembly, 4 point
8	MS24693-S280	Screw
8	AN960JD10	Washer
8	MS21042L3	Nut (or MS21042-3)



### **BELT END FITTING**

TO SECURE END FITTING:  
LOCKWIRE PER AC43.13-1B  
CHAPTER 7 SECTION 7 USING  
MS20995C41 LOCKWIRE OR INSTALL  
A MS24665 COTTER PIN



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